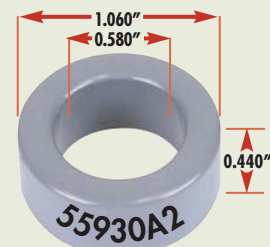


26.9 mm O.D.

14.7 mm I.D. x 11.2 mm HT.



Core Dimensions (after finish)

O.D. (max.) 27.7 mm/1.090 in I.D. (min.) 14.10 mm/0.555 in HT. (max.) 11.94 mm/0.470 in

Permeability (μ)	$A_L \pm 8\%$	Part Number				Nominal DC Resistance Ohms/mH*	B/NI Gauss per Amp. Turn*
		MPP	High Flux	Kool M μ	XFLUX		
14	18	55933	58933	-	-	0.457	2.77 (<1500 gauss)
26	32	55932	58932	77932	-	0.257	5.15 (<1500 gauss)
40	50	-	-	77936	-	-	-
60	75	55894	58894	77894	78894	0.110	11.9 (<1500 gauss)
75	94	-	-	77935	-	-	-
90	113	-	-	77934	-	-	-
125	157	55930	58930	77930	-	0.0524	24.8 (<1500 gauss)
147	185	55929	58929	-	-	0.0444	29.1 (<1500 gauss)
160	201	55928	58928	-	-	0.0409	31.7 (<1500 gauss)
173	217	55924	-	-	-	0.0379	34.3 (<1500 gauss)
200	251	55927	-	-	-	0.0327	39.6 (<1500 gauss)
300	377	55925	-	-	-	0.0218	59.4 (<300 gauss)
550	740	55926	-	-	-	0.0111	109 (<50 gauss)

* These values are only applicable for MPP Cores

Physical Characteristics

Window Area	156 mm ²	308,000 c.mils
Cross Section	65.4 mm ²	0.1014 in ²
Path Length	63.5 mm	2.50 in
Volume	4,150 mm ³	0.254 in ³
Weight- MPP	35.8 gm	0.080 lb
Weight- High Flux	33.8 gm	0.075 lb
Weight- Kool M μ	25.5 gm	0.056 lb
Weight - XFLUX	31.1 gm	0.069 lb
Area Product	1.020 cm ⁴	0.0245 in ⁴

Winding Turn Length

WINDING FACTOR	LENGTH/TURN	
100% (Unity)	5.23 cm	0.1714 ft
60%	4.66 cm	0.1526 ft
40%	4.10 cm	0.1344 ft
20%	3.85 cm	0.1263 ft
0%	3.76 cm	0.1233 ft

* Reference General Winding Data pages

Wound Coil Dimensions

Max. O.D. (u.w.f.)	37.3 mm	1.468 in
Max. HT. (u.w.f.)	24.0 mm	0.944 in

Surface Area

Uwound Core	24.7 cm ²	3.83 in ²
40% Winding Factor	33.8 cm ²	5.24 in ²

Kool M μ Permeability vs. DC Bias

